

Inventor(s): William Davis et al.

For: PHASED ARRAY ANTENNA ARCHITECTURE HAVING DIGITALLY CONTROLLED CENTRALIZED BEAM  
FORMINGM/S PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

27431

(Insert Customer Number)

Sir:

Transmitted herewith for filing is the patent application of:

Enclosed are:

- 9 Pages of Specification      9 Page(s) of Claims      1 Page Abstract  
 8 Sheet(s) of drawing (☒ formal ☐ informal)  
☒ Combined Declaration for Patent Application and Power of Attorney. ☒ executed ☐ unexecuted  
☒ Form PTO-1595 and an assignment of the invention to The Boeing Company, 100 North Riverside, Chicago, IL 60606-1596  
☐ Will follow.  
☐ A certified copy of \_\_\_\_\_ from which priority is claimed in the subject case pursuant to Rule 55b and 35 U.S.C. 119. ☐ Will follow.  
☐ An associate Power of Attorney  
☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.  
☒ Information Disclosure Statement, Form PTO 1449 and prior art reference(s) of non US patents and patent applications.  
☐ Preliminary Amendment.  
☒ General Authorization/Request to Petition for extension of time.  
☒ Return Receipt Postcard

FOR:	NO. FILED	NO. EXTRA	SMALL ENTITY RATE	SMALL ENTITY FEE		OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY FEE
BASIC FEE				\$385.00	OR		\$ 770.00
TOTAL CLAIMS	63-20=	43	X 9	\$	OR	X 18	\$ 774.00
INDEP CLAIMS	8-3=	5	X 43	\$	OR	X 86	\$ 430.00
MULTIPLE			X 145	\$	OR	+ 290	\$
DEP CLAIMS PRESENTED			TOTAL =			TOTAL:	\$ 1,974.00

- ☐ Please charge my Deposit Account No. 50-0851 the amount of \$\_\_\_\_\_ to cover the filing fees. A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$2,014.00 to cover the filing fee and assignment recordal fee is enclosed.
- ☐ Please charge my Deposit Account No. 50-0851 amount of \$40.00 to cover the Assignment Recordal Fee.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associate with this communication or credit any overpayment to Deposit Account No. 50-0851. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 50-0851. A duplicate copy of this sheet is enclosed.
- ☐ Any patent application processing fees required under 37 CFR 1.17.
- ☐ The issue fee set in 37CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.31(b).
- ☐ Any filing fees under 37 CFR 1.16 for presentation or extra claims.

Respectfully submitted,


David Bows, Reg. No. 39,915  
Michael A. Shimokaji, Reg. No. 32,303Shimokaji | Fritz LLP  
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(949) 223-08382264 U.S. PTO  
10/698316

103003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: William Davis et al.

For: PHASED ARRAY ANTENNA ARCHITECTURE HAVING DIGITALLY CONTROLLED  
CENTRALIZED BEAM FORMING

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**CERTIFICATE OF EXPRESS MAILING**

M/S PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:


"EXPRESS MAIL" Mailing Label No.: EL 964765902 US

Date of Deposit: October 30, 2003

I hereby certify that an application for patent, including:

9 pages of Specification, 9 pages of claims, a one-page Abstract; 8 Sheet(s) of formal Drawings; Combined Declaration for Patent Application and Power of Attorney; General Authorization/Request to Petition for Extensions of Time; an executed Assignment document and Form PTO 1595; a check in the amount of \$2,014.00 to cover the filing fee and the assignment recordal fee; an Information Disclosure Statement and Form 1449 with no prior art references of non US patents and patent applications; a Transmittal Letter (Form PTO 1082); and Return Postcard are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: M/S PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: October 30, 2003

  
\_\_\_\_\_  
David Bowls, Reg. No. 39,915  
Michael A. Shimokaji, Reg. No. 32,303

Express Mail No.: EL964765902US

PATENT

091-0144

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: William Davis et al. Serial No.: Filed herewith Filing Date: Filed herewith For: PHASED ARRAY ANTENNA ARCHITECTURE HAVING DIGITALLY CONTROLLED CENTRALIZED BEAM FORMING	
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GENERAL AUTHORIZATION/REQUEST TO PETITION FOR EXTENSIONS OF TIME

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With reference to the subject application, and pursuant to 37 C.F.R. § 1.136, Applicant(s) hereby authorize(s) and request(s) the Commissioner to treat any correspondence requiring a petition for extension of time as containing such a request therefor for the appropriate length of time. This general authorization is effective during the pendency of this application, including any division or continuing application therefrom.

Where no check is received by the Commissioner, you are hereby authorized to charge payment of the requisite petition fees, or charge any additional fee required under 37 C.F.R. § 1.17, or credit any overpayment of same, to Deposit Account No. 50-0851. A duplicate copy of this general authorization is enclosed.

Respectfully submitted,

Date: October 30, 2003



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